

(19)



Europäisches Patentamt

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Office européen des brevets



(11)

**EP 0 709 484 A1**

(12)

**EUROPEAN PATENT APPLICATION**

(43) Date of publication:

**01.05.1996 Bulletin 1996/18**

(51) Int. Cl.<sup>6</sup>: **C23C 16/36, C23C 30/00**

(21) Application number: **95116113.2**

(22) Date of filing: **12.10.1995**

(84) Designated Contracting States:  
**DE FR GB IT**

(30) Priority: **20.10.1994 JP 281459/94**  
**25.10.1994 JP 284264/94**  
**28.12.1994 JP 340058/94**  
**28.12.1994 JP 340059/94**

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(54) **Coated tungsten carbide-based cemented carbide blade member**

(57) A surface-coated tungsten carbide-based cemented carbide blade member including a tungsten carbide-based cemented carbide substrate, and a hard coating of an average layer thickness of 3 to 30  $\mu\text{m}$  formed thereon is disclosed. The hard coating includes a first layer deposited on the substrate, a second layer deposited on the first layer, and a third layer deposited on the second layer. The first layer has a granular crystal structure, while the second layer has an elongated crystal structure. Among the constituents forming the substrate, at least tungsten and cobalt are diffused into the grain boundaries of the first and second layers.

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